| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| - | 4986 | ((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/432) or (257/435) or (257/447) or (438/27) or (438/65) or (323/902) or (250/551) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85)).CCLS. | USPAT; US-PGPUB | 2003/04/05 15:06 |
| - | 1155 | (((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/432) or (257/435) or (257/447) or (438/27) or (438/65) or (323/902) or (250/551) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85)).CCLS.) and ((first second) with (circuit)) | USPAT; US-PGPUB | 2003/04/03 15:44 |
| - | 1 | ((((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/432) or (257/435) or (257/447) or (438/27) or (438/65) or (323/902) or (250/551) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85)).CCLS.) and ((first second) with (circuit))) and (hole and (fiber with optic)) with (substrate wafer) | USPAT; US-PGPUB | 2003/04/03 15:46 |
| - | 11 | ((((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/432) or (257/435) or (257/447) or (438/27) or (438/65) or (323/902) or (250/551) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85)).CCLS.) and ((first second) with (circuit))) and (fiber with optic) with (substrate wafer) | USPAT; US-PGPUB | 2003/04/03 15:47 |
| - | 114 | ((((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/432) or (257/435) or (257/447) or (438/27) or (438/65) or (323/902) or (250/551) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85)).CCLS.) and ((first second) with (circuit))) and fiber with optic | USPAT; US-PGPUB | 2003/04/03 16:42 |
| - | 664 | (substrate with (optical with fiber)) and ((first second) with (circuit)) | USPAT; US-PGPUB | 2003/04/03 16:45 |
| - | 132 | ((substrate with (optical with fiber)) and ((first second) with (circuit))) and cladding and core | USPAT; US-PGPUB | 2003/04/03 16:46 |
| - | 16 | 5362976.URPN. | USPAT | 2003/04/03 16:50 |
| - | 54 | ("3923567" | "3959047" | "3982268" | "4081701" | "4394712" | "4595428" | "4631636" | "4653025" | "4739446" | "4870470" | "4977439" | "5061987" | "5079618" | "5153814" | "5229327" | "5258648" | "5275001" | "5313361" | "5317197" | "5343366" | "5352998" | "5362976" | "5392407" | "5409547" | "5415699" | "5432823" | "5468681" | "5532506" | "5567654" | "5587119" | "5598031" | "5610366" | "5618752" | "5622875" | "5637828" | "5646067" | "5656548" | "5657481" | "5682062" | "5692558" | "5699291" | "5753529" | "5767001" | "5786628" | "5807783" | "5821624" | "5834799" | "5855735" | "5861666" | "5901050" | "5902118" | "5903045" | "5915167" | "6016256").PN. | USPAT | 2003/04/03 16:52 |
| - | 850 | ((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS. | USPAT; US-PGPUB | 2003/04/05 13:51 |
| - | 0 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and (circuit device) with (emmisive and responsive) | USPAT; US-PGPUB | 2003/04/04 14:41 |
| - | 1 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and (emmisive and responsive) | USPAT; US-PGPUB | 2003/04/04 14:41 |
| - | 29 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and fiber with through with (substrate wafer die) | USPAT; US-PGPUB | 2003/04/04 14:49 |
| - | 19 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and fiber with (via cavity throug hole) with (substrate wafer die) | USPAT; US-PGPUB | 2003/04/04 14:50 |
| - | 40 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and fiber with (via cavity through hole) with (substrate wafer die) | USPAT; US-PGPUB | 2003/04/04 15:25 |

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|---|---|---|---|---|---|
| - | | 25 | ("4039833" \| "4122479" \| "4660066" \| "4752816" \| "4818728" \| "5170451" \| "5265177" \| "5515468" \| "5523628" \| "5545893" \| "5574814" \| "5586207" \| "5591959" \| "5675685" \| "5686317" \| "5686318" \| "5687267" \| "5689279" \| "5692083" \| "5699073" \| "5703394" \| "5708280" \| "5764832" \| "5923091" \| "6217232").PN. | USPAT | 2003/04/04 14:53 |
| - | | 0 | 6514787.URPN. | USPAT | 2003/04/04 15:07 |
| - | | 25 | ("4039833" \| "4122479" \| "4660066" \| "4752816" \| "4818728" \| "5170451" \| "5265177" \| "5515468" \| "5523628" \| "5545893" \| "5574814" \| "5586207" \| "5591959" \| "5675685" \| "5686317" \| "5686318" \| "5687267" \| "5689279" \| "5692083" \| "5699073" \| "5703394" \| "5708280" \| "5764832" \| "5923091" \| "6217232").PN. | USPAT | 2003/04/04 15:07 |
| - | | 17 | 4039833.URPN. | USPAT | 2003/04/04 15:07 |
| - | | 7 | 4566024.URPN. | USPAT | 2003/04/04 15:21 |
| - | | 27 | 4660066.URPN. | USPAT | 2003/04/04 15:21 |
| - | | 7314 | fiber with (via cavity through hole) with (substrate wafer die) | USPAT; US-PGPUB | 2003/04/04 15:26 |
| - | | 1519 | (fiber with (via cavity through hole) with (substrate wafer die)) and semiconductor | USPAT; US-PGPUB | 2003/04/04 15:26 |
| - | | 515 | ((fiber with (via cavity through hole) with (substrate wafer die)) and semiconductor) and core | USPAT; US-PGPUB | 2003/04/04 15:28 |
| - | | 256 | (((fiber with (via cavity through hole) with (substrate wafer die)) and semiconductor) and core) and cladding | USPAT; US-PGPUB | 2003/04/04 15:28 |
| - | | 0 | 5431775.URPN. | USPAT | 2003/04/04 15:51 |
| - | | 0 | 5431775.URPN. | USPAT | 2003/04/04 15:51 |
| - | | 2 | ("4919749" \| "5308442").PN. | USPAT | 2003/04/04 15:51 |
| - | | 11 | ("3748548" \| "4396437" \| "4450464" \| "4547792" \| "4782023" \| "4902637" \| "4972248" \| "4978639" \| "5039628" \| "5077231" \| "5084742").PN. | USPAT | 2003/04/04 16:04 |
| - | | 13 | 5312765.URPN. | USPAT | 2003/04/04 16:05 |
| - | | 2 | (("5057877") or ("6493490")).PN. | USPAT; US-PGPUB | 2003/04/04 17:07 |
| - | | 7 | ("3723013" \| "3918814" \| "4978190" \| "5168321" \| "5216729" \| "5349176" \| "5991027").PN. | USPAT | 2003/04/04 17:10 |
| - | | 271 | (438/401).CCLS. | USPAT | 2003/04/05 13:11 |
| - | | 26 | ((438/401).CCLS.) and mirror | USPAT; US-PGPUB | 2003/04/05 13:09 |
| - | | 8 | ((438/401).CCLS.) and (align alignment aligned lining aligning) with mirror | USPAT; US-PGPUB | 2003/04/05 13:13 |
| - | | 271 | ((438/401) or (438/for.435)).CCLS. | USPAT | 2003/04/05 13:12 |
| - | | 271 | ((438/401) or (438/.for435)).CCLS. | USPAT | 2003/04/05 13:12 |
| - | | 271 | ((438/401) or (438/for435)).CCLS. | USPAT | 2003/04/05 13:12 |
| - | | 271 | ((438/401) or (438/FOR435)).CCLS. | USPAT | 2003/04/05 13:12 |
| - | | 271 | ((438/401) or (438/FOR.435)).CCLS. | USPAT | 2003/04/05 13:12 |
| - | | 751 | ((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS. | USPAT | 2003/04/05 13:32 |
| - | | 13 | (((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS.) and etch adj pit | USPAT; US-PGPUB | 2003/04/05 13:14 |
| - | | 3 | ((((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS.) and (align alignment aligned lining aligning) with etch$3) and etch adj pit | USPAT; US-PGPUB | 2003/04/05 13:15 |
| - | | 2 | ((((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS.) and (align alignment aligned lining aligning) with etch$3) and anode | USPAT; US-PGPUB | 2003/04/05 13:15 |
| - | | 201 | (((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS.) and (align alignment aligned lining aligning) with etch$3 | USPAT; US-PGPUB | 2003/04/05 13:21 |
| - | | 14 | ("5237199" \| "5362681" \| "5843831" \| "5899729" \| "5917237" \| "5923995" \| "5943587" \| "5972234" \| "5981314" \| "6004405" \| "6066513" \| "6068954" \| "6080635" \| "6087202").PN. | USPAT | 2003/04/05 13:19 |
| - | | 1229 | ((align alignment aligned lining aligning) with etch$3) and (hole aperture opening) and (fiber cladding) | USPAT; US-PGPUB | 2003/04/05 13:22 |
| - | | 217 | (((align alignment aligned lining aligning) with etch$3) and (hole aperture opening) and (fiber cladding)) and interconnection and semiconductor | USPAT; US-PGPUB | 2003/04/05 13:22 |

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|---|---|---|---|---|---|
| - | | 821 | (((align alignment aligned lining aligning) with etch$3) and (hole aperture opening) and (fiber cladding)) and semiconductor | USPAT; US-PGPUB | 2003/04/05 13:22 |
| - | | 27 | ((((align alignment aligned lining aligning) with etch$3) and (hole aperture opening) and (fiber cladding)) and semiconductor) and etch adj pit | USPAT; US-PGPUB | 2003/04/05 13:22 |
| - | | 0 | (((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS.) and anode adj etch$3 | USPAT; US-PGPUB | 2003/04/05 13:32 |
| - | | 751 | ((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS. | USPAT | 2003/04/05 15:04 |
| - | | 5 | (((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS.) and anode with etch$3 | USPAT; US-PGPUB | 2003/04/05 13:32 |
| - | | 850 | ((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS. | USPAT; US-PGPUB | 2003/04/05 13:51 |
| - | | 0 | ("32 and fiber with cladding with core with hole").PN. | USPAT; US-PGPUB | 2003/04/05 13:51 |
| - | | 0 | ("32 and fiber with hole").PN. | USPAT; US-PGPUB | 2003/04/05 13:51 |
| - | | 2 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and fiber with cladding with core with hole | USPAT; US-PGPUB | 2003/04/05 13:52 |
| - | | 23 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and fiber with hole | USPAT; US-PGPUB | 2003/04/05 13:53 |
| - | | 10 | "5796714" | USPAT; US-PGPUB | 2003/04/05 13:53 |
| - | | 1 | 5796714.pn. | USPAT; US-PGPUB | 2003/04/05 14:03 |
| - | | 16 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and cladding and core and hole | USPAT; US-PGPUB | 2003/04/05 14:05 |
| - | | 46 | ("3968564" | "4744623" | "4920070" | "4970578" | "5128831" | "5221633" | "5312765" | "5352998" | "5362976" | "5409563" | "5416872" | "5489554" | "5532506" | "5587119" | "5604835" | "5618752" | "5641545" | "5656548" | "5682062" | "5729038" | "5739067" | "5742100" | "5760478" | "5767001" | "5796714" | "5798297" | "5834849" | "5844289" | "5858814" | "5858877" | "5897333" | "5900674" | "5901050" | "5902118" | "5903045" | "5915167" | "5952665" | "5963088" | "6090636" | "6143616" | "6150188" | "6181864" | "6187677" | "6198168" | "6281042" | "6122187").PN. | USPAT | 2003/04/05 14:04 |
| - | | 23 | (((438/27) or (438/31) or (438/24) or (438/65) or (438/69) or (438/74) or (438/for.136)).CCLS.) and fiber with hole | USPAT; US-PGPUB | 2003/04/05 14:09 |
| - | | 1087 | fiber with hole and cladding with core | USPAT; US-PGPUB | 2003/04/05 14:09 |
| - | | 280 | (fiber with hole and cladding with core) and semiconductor | USPAT; US-PGPUB | 2003/04/05 14:09 |
| - | | 40 | ((fiber with hole and cladding with core) and semiconductor) and optoelectronic | USPAT; US-PGPUB | 2003/04/05 14:17 |
| - | | 173 | fiber and (cladding with core with hole) | USPAT; US-PGPUB | 2003/04/05 14:18 |
| - | | 1 | "5784400".PN. | USPAT | 2003/04/05 14:27 |
| - | | 4 | ("5155792" | "5802236" | "5907652" | "6097870").PN. | USPAT | 2003/04/05 14:31 |
| - | | 46 | ("3968564" | "4744623" | "4920070" | "4970578" | "5128831" | "5221633" | "5312765" | "5352998" | "5362976" | "5409563" | "5416872" | "5489554" | "5532506" | "5587119" | "5604835" | "5618752" | "5641545" | "5656548" | "5682062" | "5729038" | "5739067" | "5742100" | "5760478" | "5767001" | "5796714" | "5798297" | "5834849" | "5844289" | "5858814" | "5858877" | "5897333" | "5900674" | "5901050" | "5902118" | "5903045" | "5915167" | "5952665" | "5963088" | "6090636" | "6143616" | "6150188" | "6181864" | "6187677" | "6198168" | "6281042" | "6122187").PN. | USPAT | 2003/04/05 14:34 |
| - | | 15 | ("5361320" | "5550940" | "5647039" | "5703978" | "5757540" | "5802236" | "5889907" | "5937115" | "5999671" | "6011886" | "6050109" | "6058226" | "6078709" | "6104852" | "6111999").PN. | USPAT | 2003/04/05 14:38 |
| - | | 751 | ((438/401) or (438/FOR.435) or (438/753) or (438/750)).CCLS. | USPAT | 2003/04/05 15:04 |

| - | 1282 | ((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85)).CCLS. | USPAT | 2003/04/05 15:05 |
|---|---|---|---|---|
| - | 2 | (((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85)).CCLS.) and fiber and (core adj hole) | USPAT; US-PGPUB | 2003/04/05 15:05 |
| - | 4986 | ((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/432) or (257/435) or (257/447) or (438/27) or (438/65) or (323/902) or (250/551) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85)).CCLS. | USPAT; US-PGPUB | 2003/04/05 15:06 |
| - | 3 | (((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/432) or (257/435) or (257/447) or (438/27) or (438/65) or (323/902) or (250/551) or (257/80) or (257/81) or (257/82) or (257/83) or (257/84) or (257/85)).CCLS.) and core adj hole | USPAT; US-PGPUB | 2003/04/05 15:06 |
| - | 863 | fiber with core with hole | USPAT; US-PGPUB | 2003/04/05 15:08 |
| - | 242 | (fiber with core with hole) and cladding with core | USPAT; US-PGPUB | 2003/04/05 15:08 |
| - | 28 | fiber with (core adj hole) | USPAT; US-PGPUB | 2003/04/05 15:10 |
| - | 888 | core adj hole | USPAT; US-PGPUB | 2003/04/05 15:11 |
| - | 27 | fiber with (core adj hole) | EPO; JPO; DERWENT; IBM_TDB | 2003/04/05 15:11 |
| - | 1 | 4470875.pn. | USPAT; US-PGPUB | 2003/04/05 15:27 |
| - | 1 | "3765969".PN. | USPAT | 2003/04/05 15:27 |
| - | 29 | 3765969.URPN. | USPAT | 2003/04/05 15:28 |